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Table 4. The Inland Waterways of North China *
(Unit: km = kilometers. mi = miles.)

Waterways	Routes	Distance	Grade #
Hsit'ung River (North Canal)	Tientsin to Peking	143 km. (89 Mi.)	5
Tzuya River	Tientsin to Haienhsien	160 km. (100 Mi.)	5
Hut'o River	Haienhsien to Shihchiachuang	209 km. (135 Mi.)	5
Fuyang River	Haienhsien to Hengshui	70 km. (44 Mi.)	5
Tach'ing River	Hengshui to Linch'ing	120 km. (75 Mi.)	5
	Tientsin to Paoting	250 km. (156 Mi.)	5
Linchi Canal	Linch'ing to Yanchiap'o	802 km. (501 Mi.)	5
	Linch'ing to Tsinan	120 km. (75 Mi.)	5
Grand Canal	Tientsin, Linch'ing, to Wuchih	802 km. (501 Mi.)	5
Luan River	Luanhok'ou to Ch'engte	300 km. (188 Mi.)	5
North Grand Harbor Canal	Tientsin to North Grand Canal	177 km. (111 Mi.)	2
Hai River	Tientsin to Tangku New Harbor	45 km. (28 Mi.)	1
Chang River	Weihok'ou to Anyang	80 Km. (50 Mi.)	5.
Total		2,573 Km. (1,608 Mi.)	

* Hang-tao Wang [Navigation-Route Network], Nanking, Bureau of Information, Executive Yuan, Nanking, 1947, pp. 16-17.

See Table 5, following

[FACING p. 811]

1:Stanford U. S-4, 5 1956 AF12 North China
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491 Only the principal provincial and inter-provincial highways have been listed in Table 3. As of 1953, the total length of all highways in the North China Region was approximately 12, 200 kilometers (7, 625 mi.).[20]

V. INLAND WATER ROUTES

487 North China, unlike the Central-South and the East China regions, has few large 502 navigable rivers. Table 4 includes some of the more important navigable waterways in this region.

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20. Economic Bulletin, Hong Kong, June 7, 1954, pp. 4-5.

1:Stanford U. S-4, 5 1956 AF12 North China
~~AF 12~~ AF 12

487 Most of the rivers and canals listed
502 in Table 4 are classed as Grade 5 waterways and are only navigable for boats up to 300 tons. Table 5 lists the appropriate tonnage and depth of river in meters and feet for the six classes of waterways in China.

Table 5. Grades and Navigability of Rivers in China*

Grade	Depth of Meters	River Feet	Navigable for Boats (Gross Tonnage)
1	5-8	16-26	10,000
2	3.8	12.5	2,000
3	3.2	10.5	1,000
4	2.8	9.2	600
5	2.5	8.2	300
6	1.5	4.9	60

* Hang-tao Wang [Navigation-Route Network Nanking, Bureau of Information, Executive Yuan, 1947, pp. 3-5.

Those waterways below Grade 5 accomodate 60-ton steamers or wooden junks.

(Table 6 faces p. 813.)

Table 6. The Coastal Shipping Routes of North China*

Route	Principal Ports	Distance (Miles)
Tientsin-Yingk'ou	Tientsin, Chinwangtao, Yingk'ou	285
Yingk'ou-Chefoo	Yingk'ou, Tientsin, Chefoo	219
Dairen-Chefoo	Dairen, Tientsin, Chefoo	89
Dairen-Tsingtao	Dairen, Tientsin, Tsingtao	272
Antung-Chefoo	Antung, Tientsin, Chefoo	215
Antung-Tsingtao	Antung, Tientsin, Tsingtao	350
Shanghai-Tientsin	Shanghai, Tsingtao, Tientsin	740
Shanghai-Dairen	Shanghai, Tientsin, Dairen	567
Shanghai-Yingk'ou	Shanghai, Tientsin, Yingk'ou	700
Tientsin-Tsingtao	Tientsin, Chefoo, Tsingtao	463
Tientsin-Dairen	Tientsin, Dairen	234

* Fei-ch'i Ti Hang-yün Chiao-t'ung [Navigation in Communist China], Taipei, 6th Section, Central Committee, Nationalist Party, 1953, Part II, pp. 1-2.

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1: STANFORD U. S-4,5 1956 AF 12 NORTH CHINA AF 12

1;Stanford U. S-4; 5 1956 AF12 North China
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VI. COASTAL SHIPPING

487 The city of Tientsin is the center of coastal shipping in North China; the city of Chinwangtao is second in importance as far as the total volume of coastal shipping traffic is concerned. Eleven principal shipping routes link North China harbors. (See Table 6.)

101, 133, 361, 487

A	B	C	D
E	F	G	H
I	J	K	L
M	N	O	P

Chart of position of sections of end map.

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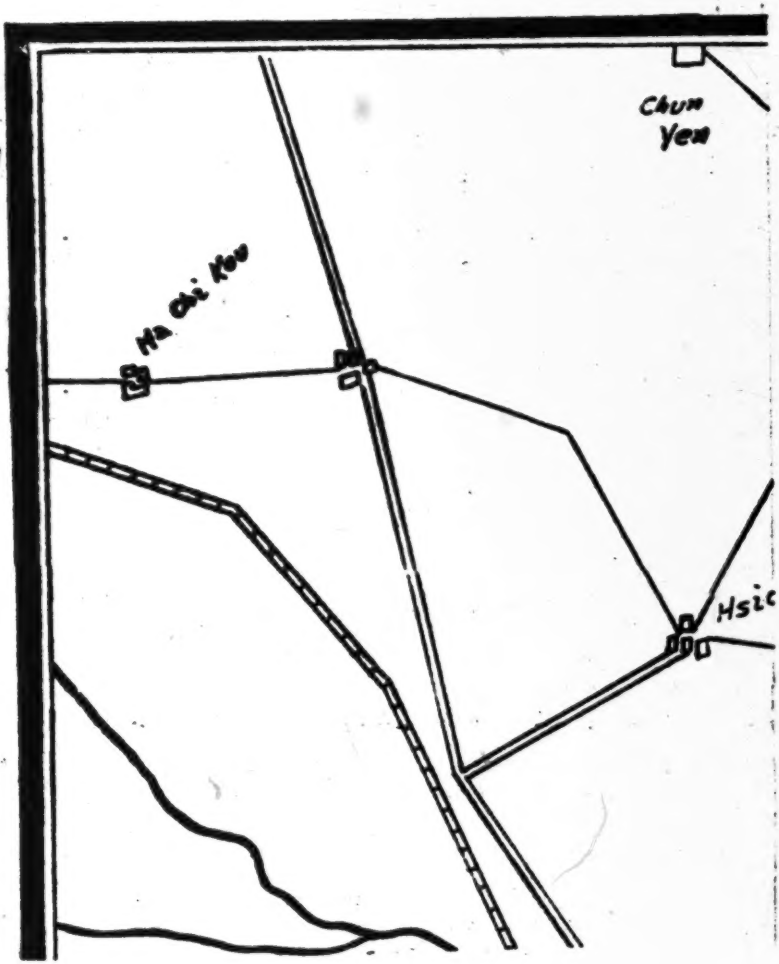

[End Flap Map A]

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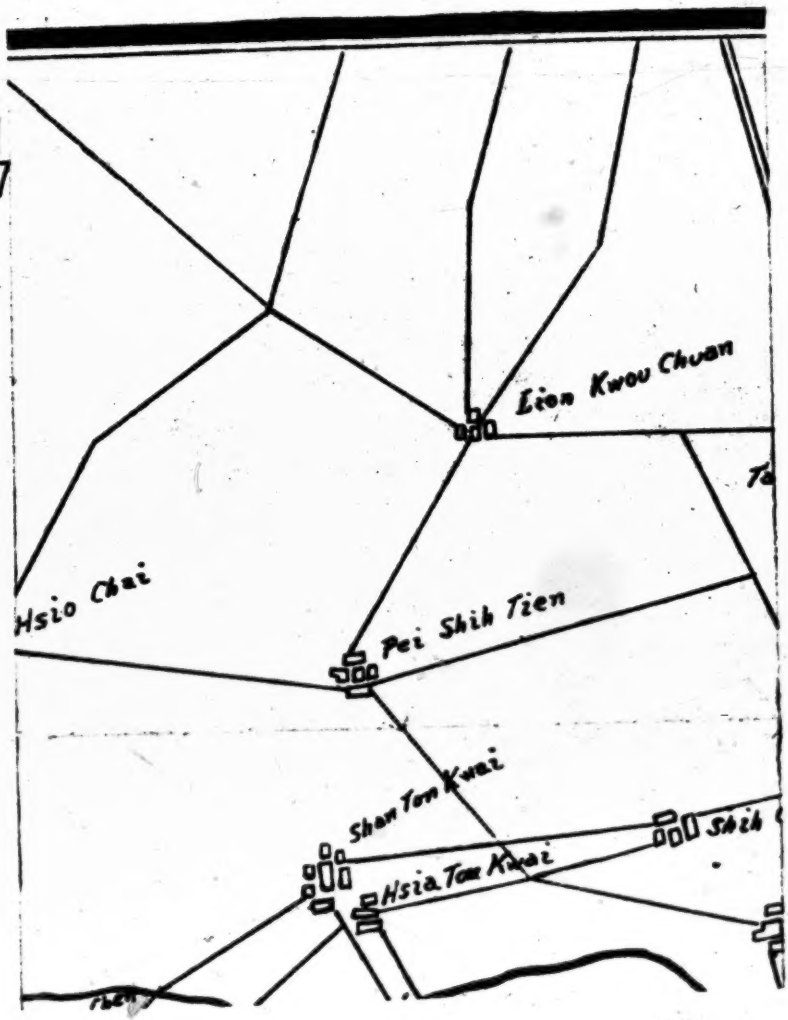

[End flap map B]

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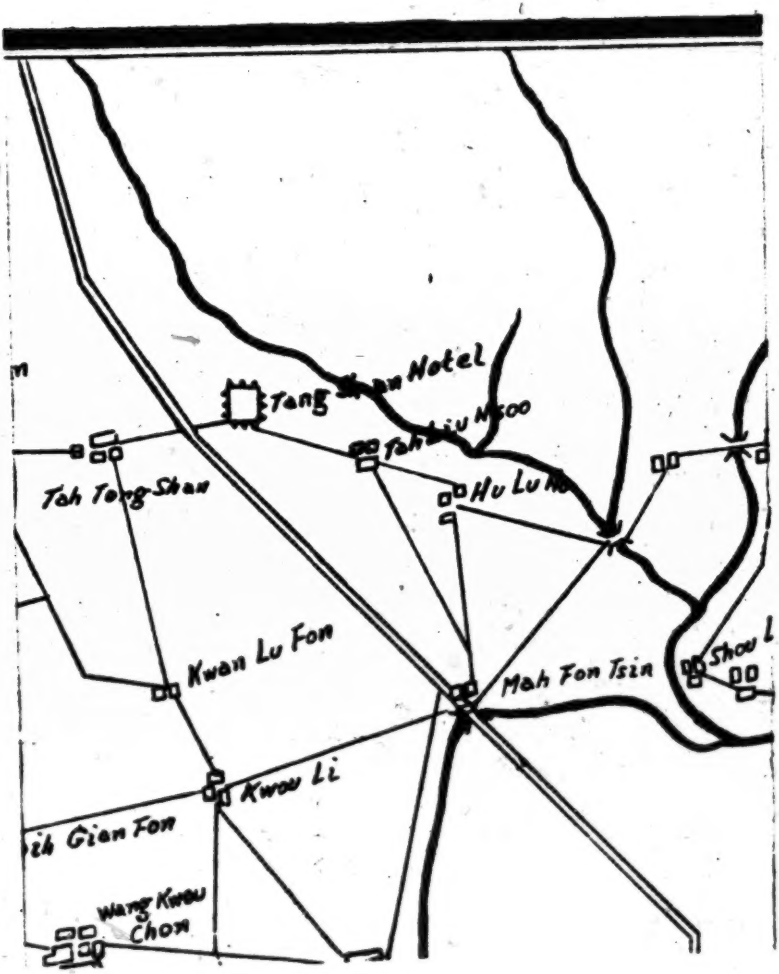

[End Flap map C]

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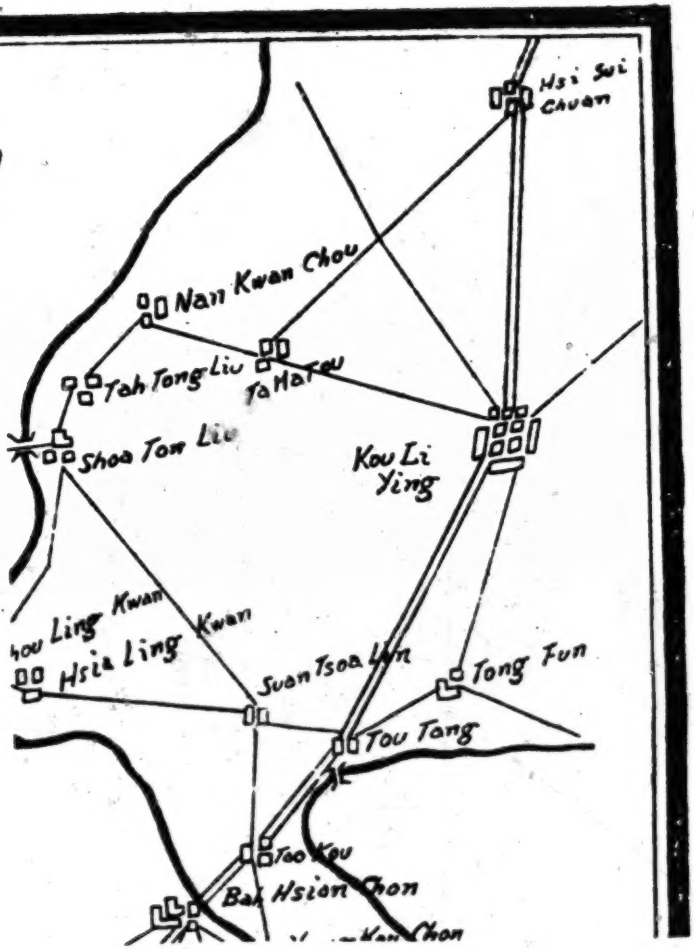

[End Flap map D]

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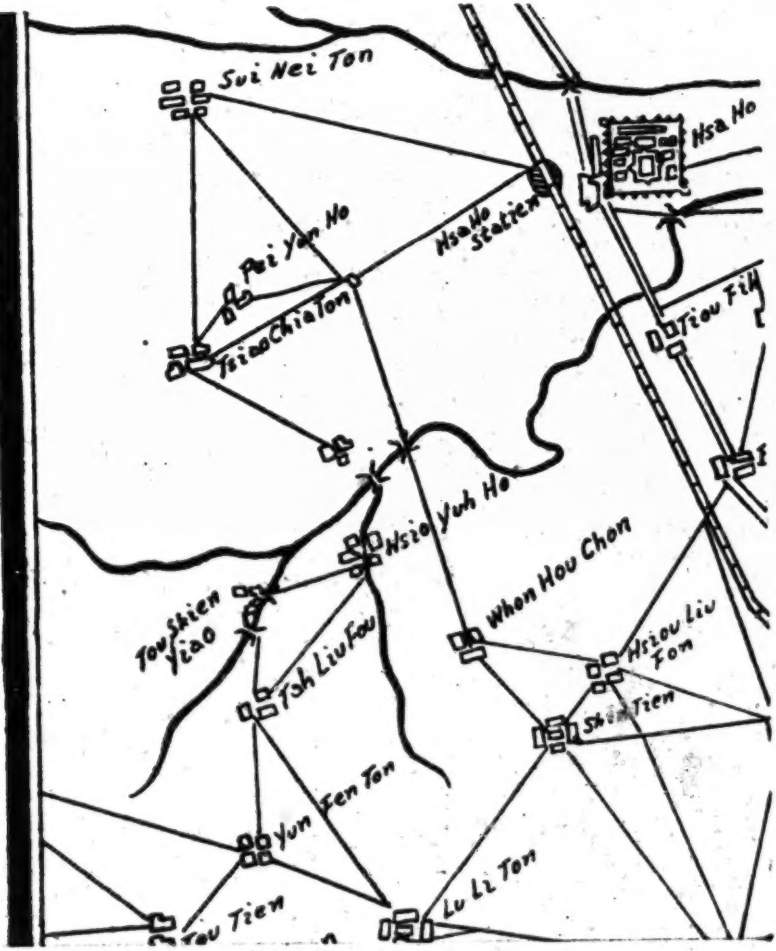

[End Flap Map E]

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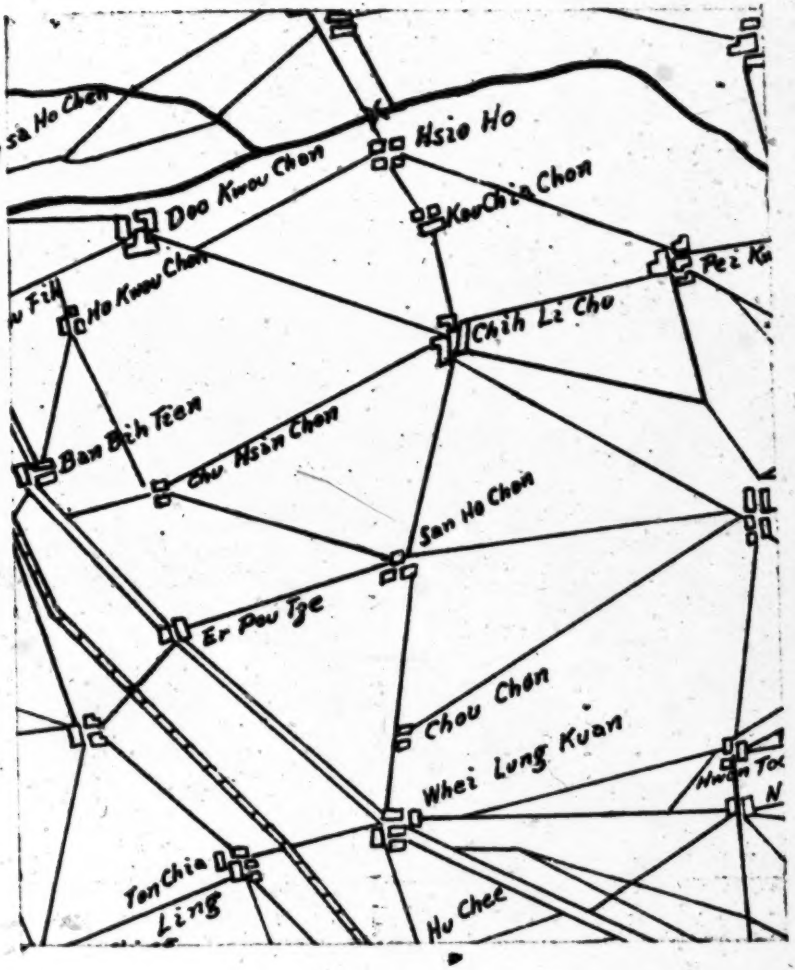

[End Flap Map F]

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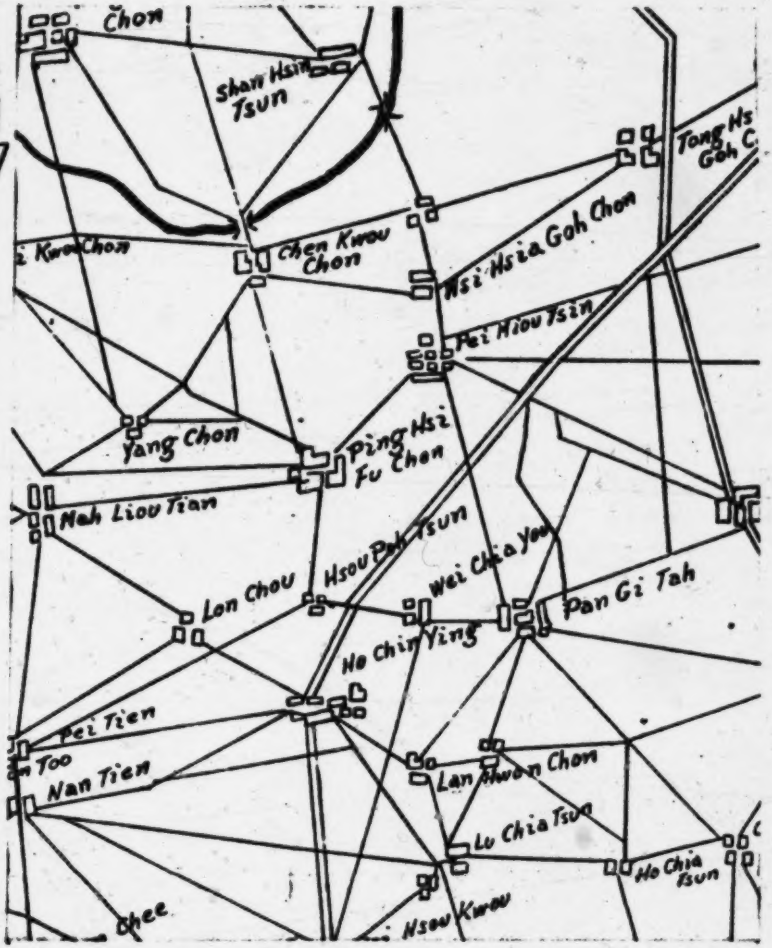

[End Flap map G]

6:Young et. al. E-5 (1928-1929)1930 AF12 North China AF12

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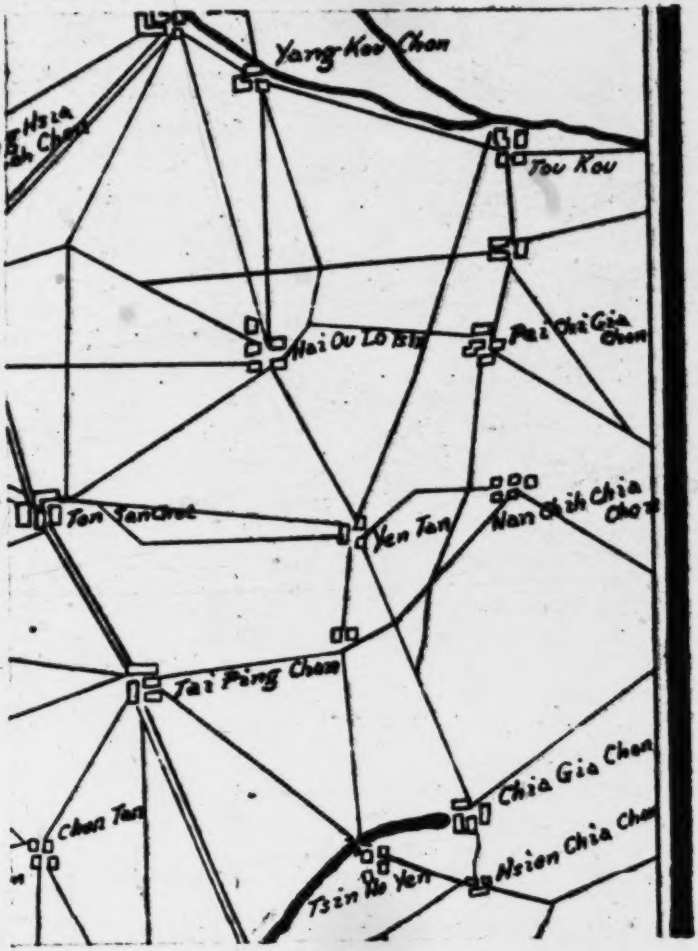

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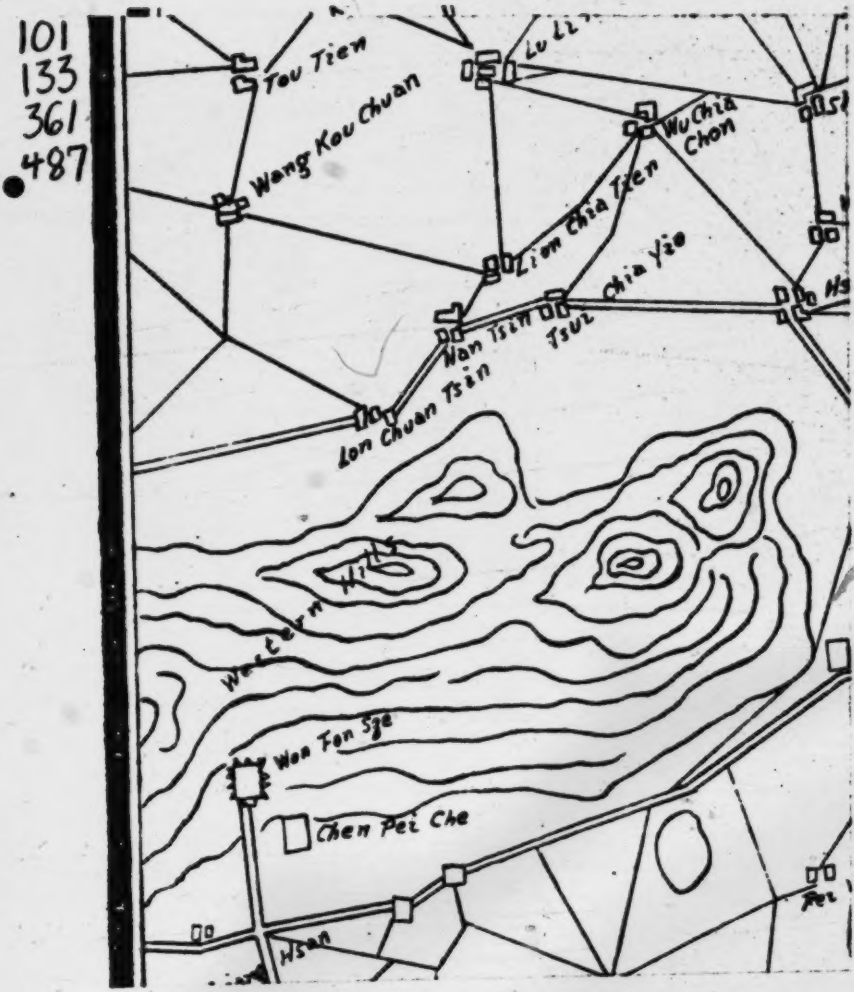

[End Flap Map I]

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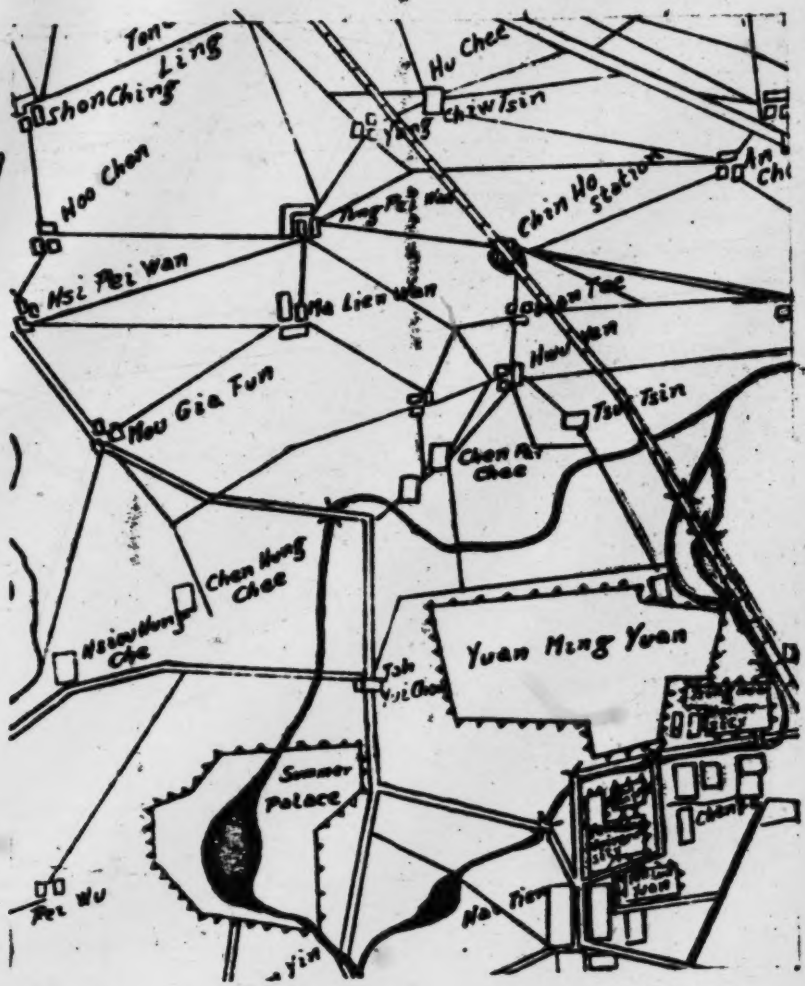

[End Flap Map J]

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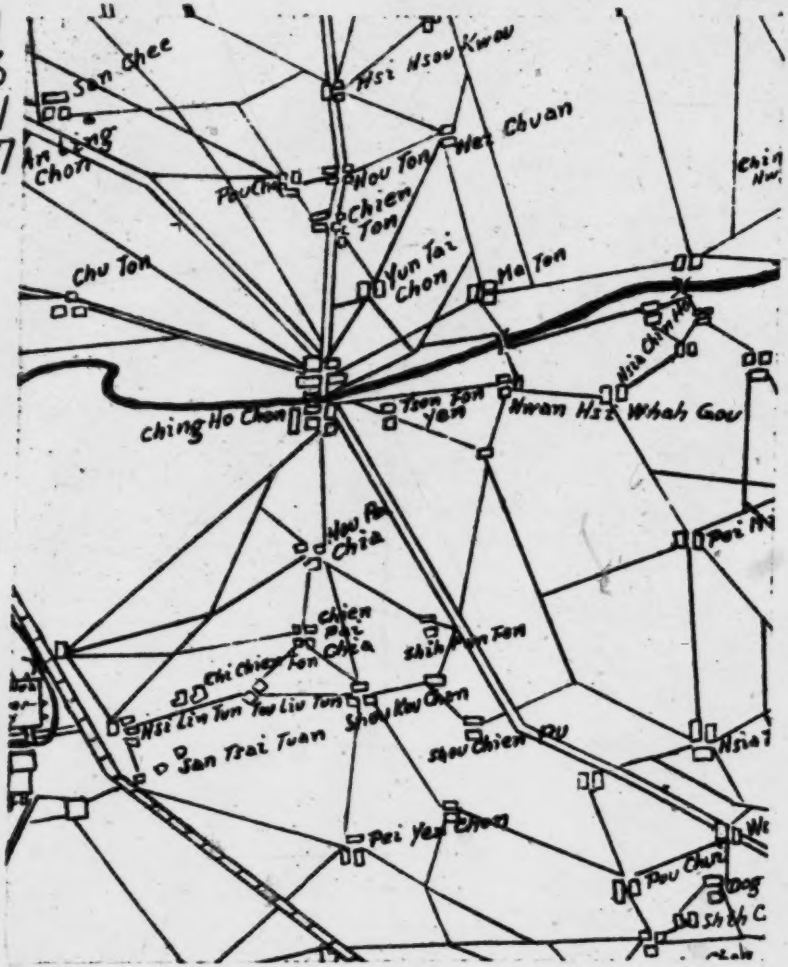

[End Flap Map K¹]

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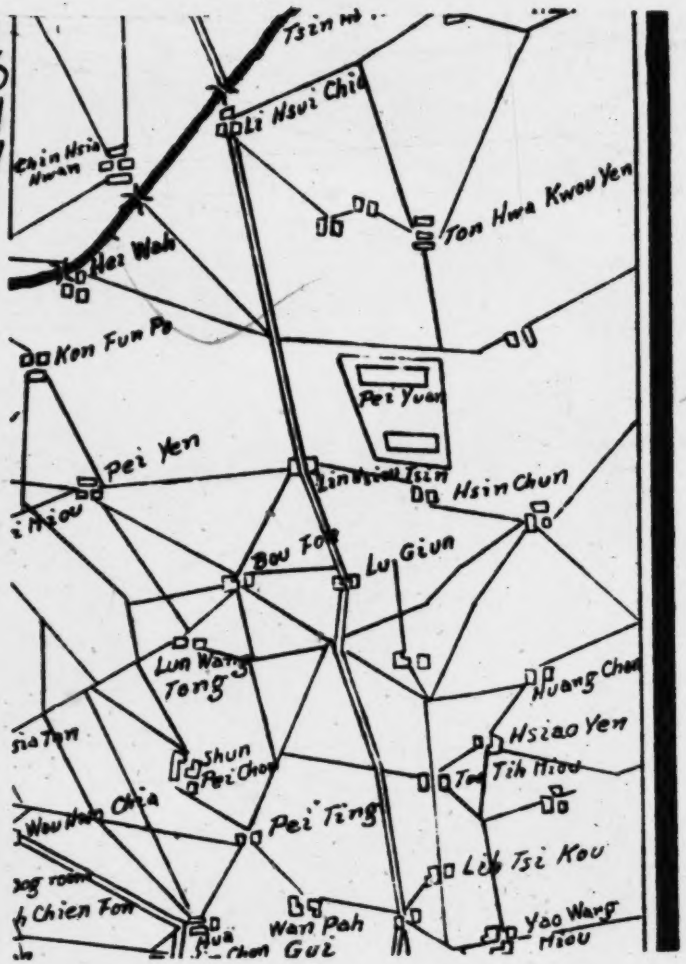

[End Flap map L]

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[End Flap map M]

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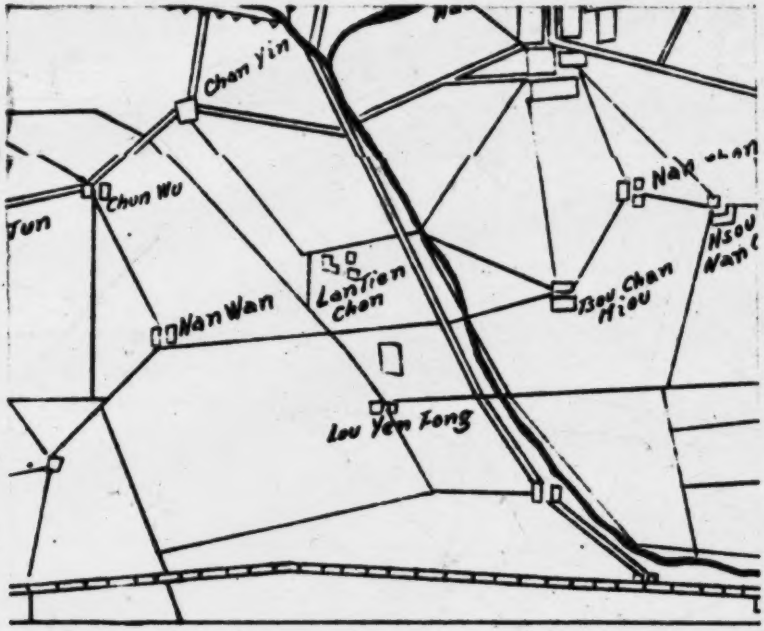

River
Village
Mountain
Bridge
Walls
City gate

[End Flap Map N]

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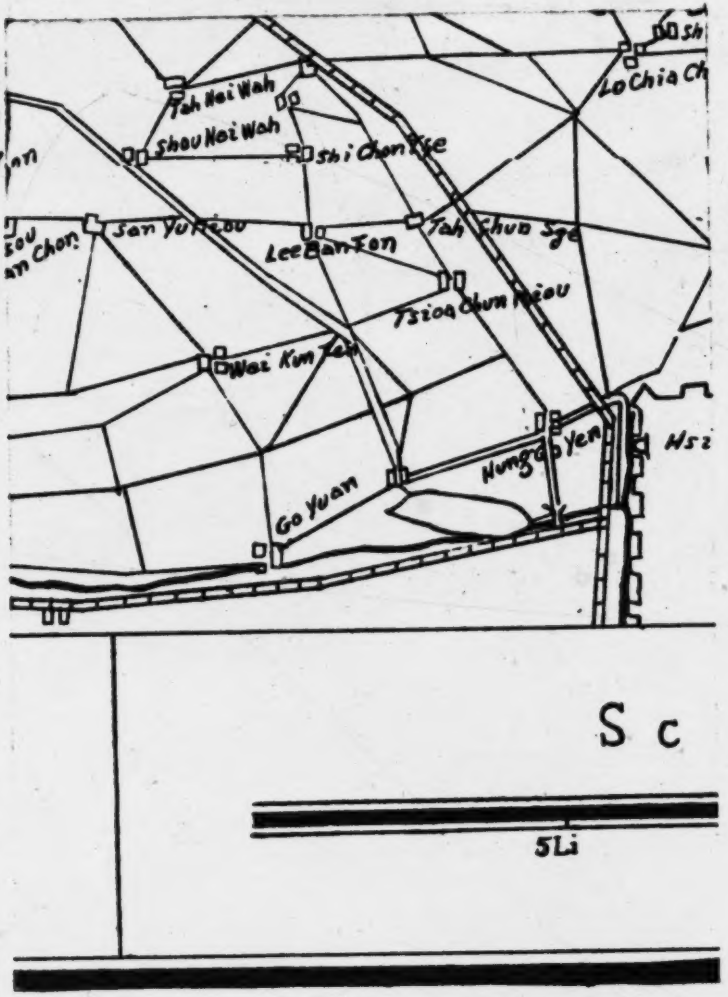

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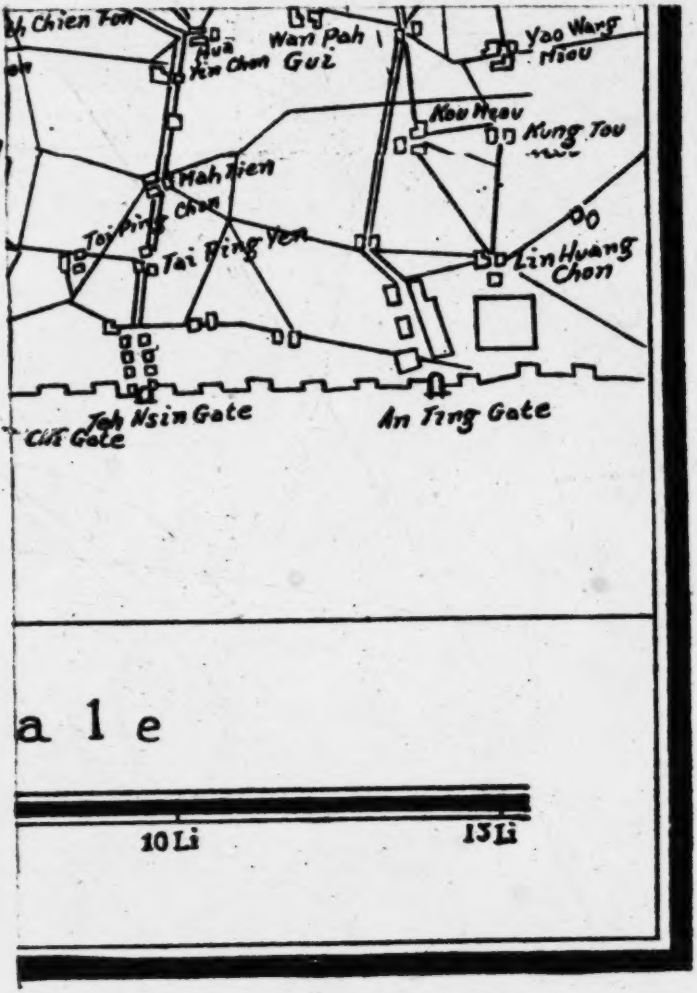

[End Flap map P]